

17157 U.S. PTO  
033004

**NON-PROVISIONAL  
UTILITY PATENT APPLICATION  
TRANSMITTAL - 37 CFR 1.53(b)**

☐ **Duplicate**  
(check, if applicable)

22581 U.S. PTO  
10/812482

033004

**MAIL STOP PATENT APPLICATION**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**Attorney Docket No.: 927-90US (P10172US)**

**First Named Inventor: Karl-Heinz WIENAND, et al.**

**Express Mail Label No.: EV434911143US**

**Total Pages of Transmittal Form: 3**

Transmitted herewith for filing is the non-provisional utility patent application entitled:

**APPARATUS FOR DETERMINING THE TEMPERATURE OF A FLOWING MEDIUM IN A  
CONDUIT AND METHOD FOR PRODUCING THE APPARATUS**

which is:

an ☒ Original; or

a ☐ Continuation, ☐ Divisional, or ☐ Continuation-in-part (CIP)  
of prior Application No. \_\_\_\_ filed \_\_\_\_.

Anticipated Group/Art Unit: \_\_\_\_ or Class \_\_\_\_, Subclass \_\_\_\_.

☐ This non-provisional patent application is based on Provisional Patent Application No.  
\_\_\_\_, filed \_\_\_\_.

Enclosed are:

☒ Specification (including Abstract) and claims: 9 Pages.

☒ 7 sheets of drawings (formal).

☐ Application Data Sheet.

☒ Newly executed Declaration (copy).

☐ Copy of Declaration from prior application.

☐ Separate Power of Attorney (including 37 CFR 3.73(b) statement, if applicable).

☐ Microfiche computer program (Appendix).

☐ Nucleotide and/or Amino Acid Sequence Submission, including:

☐ Computer readable copy ☐ Paper Copy ☐ Verified Statement.

☒ Under PTO-1595 Cover Sheet, an assignment of the invention

☒ Name of Assignee: Heraeus Sensor Technology GmbH

☒ Certified copy of German Application No. 103 14 705.5 filed March 31, 2003 is  
filed: ☒ herewith or ☐ in prior application \_\_\_\_.

- ☐ Applicant(s), by its/their undersigned attorney, claim(s) Small Entity Status under 37 C.F.R. §1.27 as ☐ an Independent Inventor, or ☐ a Small Business Concern, or ☐ a Non-Profit Organization.
- ☐ Preliminary Amendment.
- ☒ Information Disclosure Statement, PTO/SB/08A, and cited references.
- ☐ Request for Nonpublication of Application Under 35 U.S.C. §122(b)
- ☐ Other:

The filing fee is calculated as follows:

			SMALL ENTITY			LARGE ENTITY	
CLAIMS	NO. FILED	NO. EXTRA	BASIC FEE: \$385			BASIC FEE: \$770	
Total	13-20 =	0	X9	\$	OR	X18	\$
Independent	1 - 3 =	0	X43	\$	OR	X86	\$
<input type="checkbox"/> Multiple Dependent Claims Present			\$145	\$	OR	\$290	\$
			<b>TOTAL</b>	<b>\$</b>	<b>OR</b>	<b>TOTAL</b>	<b>\$ 770.</b>

- ☐ The Commissioner is not authorized to charge the filing fee at this time as we elect to defer payment of the entire filing fee until receipt of a Notice to File Missing Parts
- ☒ A check in the amount of \$ 770 .00 to cover the filing is enclosed.
- ☒ The Commissioner is hereby authorized to charge and/or credit **Deposit Account No. 50-1017 (Billing No. 200927.0090)** as noted below. A duplicate copy of this sheet is enclosed.
- ☒ Any overpayments or deficiencies in the above-calculated fee.
- ☐ Filing fee in the amount of \$ \_\_\_\_\_ as calculated above.
- ☒ Any additional fees required under 37 C.F.R. § 1.16 and § 1.17.
- ☒ In the event that a Petition for Extension of Time is required during the prosecution of this application, but not submitted, please charge any extension fee under 37 C.F.R. § 1.136(a) to our Deposit Account noted above.

**CORRESPONDENCE ADDRESS**

March 30, 2004 By: William W. Schwarze  
(Date)

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☒ Customer Number or Bar Code Label: **000570**

WWS/vj

Enclosures